

ABSTRACT OF THE DISCLOSURE

PROTECTION OF INTRINSICALLY SAFE CIRCUITS

The protection of potentially incendive circuits is achieved by a power system which comprises a power supply  
5 connected by power distribution wiring to one or more modules,  
the or each module comprising an intrinsically safe circuit  
including a load, sensing means to detect the voltage supplied  
to the load, and a fast-acting switch arranged, in response  
to the detection of a decrease in the supplied voltage, to  
10 disconnect the load in such manner as to prevent any series  
break upstream from the switch from becoming incendive.

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